PYLE®
HYDRA

PLMRKT2A

2 CHANNEL WATERPROOF AMPLIFIED
6.5” MARINE SPEAKER SYSTEM

PLMRMP1A

2 CHANNEL WATERPROOF
MARINE POWER AMPLIFIER

PYLE®
HYDRA

OWNER’S MANUAL

Thank you for making a **PYLE** your choice marine for audio entertainment!

It's compact, waterproof design allows for flexible mounting possibilities, and makes it simple to expand the audio system capabilities for vehicle.

PLMRKT2A
2 CHANNEL WATERPROOF AMPLIFIED 6.5" MARINE SPEAKER SYSTEM

One Pair 6.5'' 2-Way Marine Speaker:
- 6.5'' High Quality Polypropylene Cone
- Suspension Cloth Surround
- White Plastic Enclosure
- 2" Polymer Cone Tweeter
- 100 Watts RMS / 200 Watts Peak
- Frequency Response: 80-20KHz
- Impedance: 8 Ohms

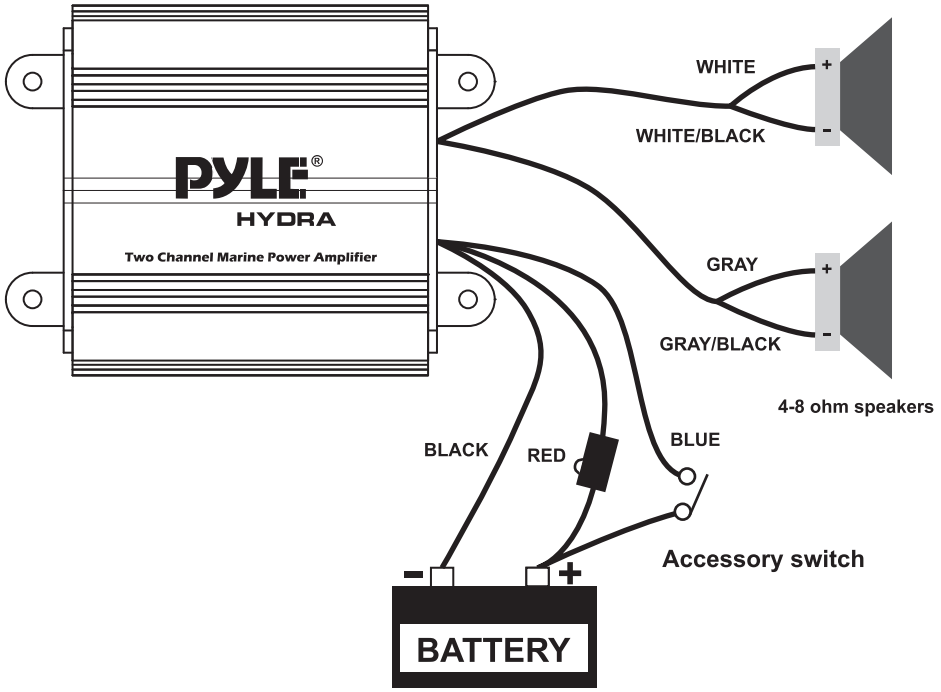
One Piece PLMRMP1A 2 Channel Waterproof Marine Power Amplifier
- 2 x 100 Watts RMS at 4 Ohms
- 2 x 200 Watts Max at 4 Ohms
- 2 x 300 Watts RMS at 2 Ohms
- Electronic Crossover Network
- 2 Ohms Stereo Stable
- Anti-Thump Turn-On
- Soft Turn On/Off
- Adjustable High Low Level Inputs
- RCA Line Input
- Power Protection Circuitry
- Volume Gain Remote Control
- T.H.D: <0.05%
- S/N Ratio: >95dB
- Channel Separation: >65dB
- Frequency Response: 10Hz- 40kHz
- Fuse : 10A
- Dimensions: 4.13"Lx3.35"Wx1.38"H

Accessories:
- iPod / MP3 Waterproof Poly Bag
- iPod / MP3 Waterproof 3.5mm Stereo to RCA Adaptor
- Remote Control for Volume Gain

④ VOLUME CONTROL Plug for the waterproof remote volume control. When installed, this control will turn off the PLMRMP1A Amp when turned all the way down.

⑤ INPUT Stereo RCA audio input for connecting other audio devices.

Power and Speaker Wiring



wire color	Description
Red	Battery (+), 12dc
Black	Barrery (-), Ground
Blue	Remote Turn On, 12vdc = ON
White	CH1 (+)
White/Black	CH1 (-)
Gray	CH2 (+)
Gray/Black	CH2 (-)

PLMRMP1A 2 Channel Waterproof Marine Power Amplifier

- 2 x 100 Watts RMS at 4 Ohms
- 2 x 200 Watts Max at 4 Ohms
- 2 x 300 Watts RMS at 2 Ohms
- Electronic Crossover Network
- 2 Ohms Stereo Stable
- Anti-Thump Turn-On
- Soft Turn On/Off
- Adjustable High Low Level Inputs
- RCA Line Input
- Power Protection Circuitry
- Volume Gain Remote Control
- T.H.D: <0.05%
- S/N Ratio: >95dB
- Channel Separation: >65dB
- Frequency Response: 10Hz- 40kHz
- Fuse : 10A
- Dimensions: 4.13”Lx3.35”Wx1.38”H

Accessories:

- iPod / MP3 Waterproof 3.5mm Stereo to RCA Adaptor
- Remote Control for Volume Gain

What is inclued?

When first unpacking your new amplified marine speaker system, Please check first that the package contains all of the items below. If something is missing, contact the store where you purchased the product.

PLMRKT2A

- **One Pair 6.5" 2-Way Marine Speaker**
- **One Piece PLMRMP1A**
- **One Piece iPod / MP3 Waterproof Poly Bag**
- **One Piece iPod / MP3 Waterproof 3.5mm Stereo to RCA Adaptor**
- **One Piece Remote Control for Volume Gain**

PLMRMP1A

- **One Piece 2 Channel Waterproof Marine Power Amplifier**
- **One Piece iPod / MP3 Waterproof 3.5mm Stereo to RCA Adaptor**
- **One Piece Remote Control for Volume Gain**

Installation precautions

Before you drill or cut any holes, investigate your vessel's layout very carefully. Take special care when you work near the gas tank, fuel lines, hydraulic lines and electrical wiring.

Never operate the amplifier when it is unmounted. Attach all audio system components securely within the amplifier to prevent damage, especially in an accident.

Do not mount this amplifier so that wire connections are unprotected. in a pinched condition, in contact with any metal surfaces in your marine vessel, or likely to be damaged by nearby objects.

Before making or breaking power connections in your system, disconnect the marine vessel battery. Confirm that your head unit or other equipment is turned off while connecting the input jacks and speaker terminals.

If you need to replace the power fuse, replace it only with a fuse idenetical to that supplied with the amplifier, Using a fuse of a different type or rating may result in damage to your audio system or your amplifier which is not covered by the manufacturer's warranty.

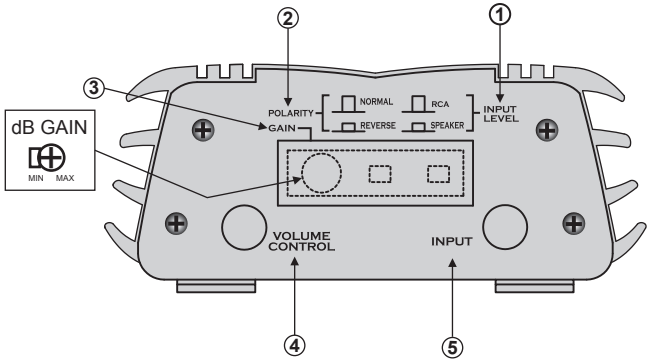
Don't misuse the level control!

Do not mistake the input level control for a volume control! It is designed ONLY to match the output level of your audio source to the input level of your amplifier.

Do not adjust this input level to maximum unless your input level requires it.

Ignoring these instructions will result in an input overload to the amplifier, and excessive audio distortion. It can also cause the protection circuit to engage.

Controls, Input and Output Cables:



The switches and gain settings are located behind a watertight plug, which also lights up when the amplifier is on. Be sure to replace the plug when finished with adjustments

① The INPUT LEVEL switch selects the input sensitivity of the amplifier. If you are connecting to a LINE level source (typically any RCA type connection) then the switch should be in the LINE (out) position. When connecting to loudspeaker outputs or headphone or high level sources then set the switch to the SPEAKER (in) position.

② The POLARITY switch allows the user to optimize bass performance in the case that there are more than 1 set of loudspeakers producing bass in the system. Play some music with strong bass content and listen with the switch alternately in the NORMAL and REVERSE position until it can be determined which setting results in more pleasing bass response. If in doubt, or if any interaction with other speakers is unlikely, then leave the switch in the NORMAL position.

③ The GAIN control adjusts the overall level of the amplifier. When using the amplifier without volume control the level should beset to achieve a balance with other loudspeakers in the system. As arule, keep the gain setting as low as possible while still insuring that the system will reach full output power. When using the system with external volume control, set the external Volume Control to FULL (clockwise) and adjust the gain on the amplifier until full output power is reached. Full output power level can be determined by turning the gain control clockwise until the apparent loudness does not appear to increase any more. Leave the control at the setting where this begins to become apparent.